WATER SCIENCE TECHNOLOGIES LLC
5520 PARKWOOD CIRCLE
BESSEMER, AL 35022

K- BROM® G
BROMO-CHLORO-DIMETHYLHYDANTOIN
A MICROBIOCIDAL BACTERICIDE, FUNGICIDE, ALGAEICIDE AND SLIMECIDE, FOR TREATING INDUSTRIAL RECIRCULATING COOLING WATER AND ONCE-THROUGH COOLING WATER SYSTEMS, AIR CONDITIONER CONDENSATE, PULP AND PAPER MILL WATER SYSTEMS for bacterial slime (only).

ACTIVE INGREDIENT: Bromochloro-5,5-dimethylhydantoin...........................................98%
OTHER INGREDIENTS: ......................................................................................2%
TOTAL ..............................................................................................................100%

KEEP OUT OF REACH OF CHILDREN
DANGER
CORROSIVE AND STRONG OXIDIZER

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Rinse skin immediately with plenty of water for 15-20 minutes. Take off clothing immediately. Rinse skin gently and wash with mild soap. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If swallowed: Call a poison control center, or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN
Probable mucosal damage may contraindicate the use of gastric lavage.

See side panels for additional precautionary statements.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER
CORROSIVE. Causes irreversible eye damage and skin burns. Eye contact may cause loss of vision. Irritating to nose and throat. May be fatal if inhaled. Harmful if absorbed through skin or swallowed.

Do not breathe dust or spray mist. Do not get in eyes, on skin, or on clothing. Prolonged or frequent skin contact may cause allergic reactions in some individuals. Wear goggles with side-protectors, face shield, or safety glasses; protective clothing and chemical-resistant gloves. Wear a dust mask or pesticide respirator approved by the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before re-use.

Use with adequate ventilation. Do not smoke, drink, or eat when handling. Keep container tightly closed when not in use. Do not ship with foods, feeds, drugs, or clothing.

ENVIRONMENTAL HAZARDS
This product is toxic to fish and aquatic organisms.

CHEMICAL AND PHYSICAL HAZARDS
Strong oxidizer, mix with water, oil. Reaction with combustible organic materials, bases, moisture or with oxidizers may generate heat, hazardous gases and, possibly, fire or explosion. Do not add to dispensers or other equipment that is not dry and clean of any chemical remanence. Does not burn, but will decompose, from about 320°F (160°C), releasing toxic gases. Avoid condensation and dusting.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS
Use effectively and in strict accordance with the label. The monochloroamine content of the circulating water, as ppm of active residual monochloroamine, will usually be 0.5-1.0 ppm at a range of pH of 6.5-8.0.

TREATMENT RATES
Initial treatment: When noticeably fouled, add 2.8 lbs of this product per 10,000 gallons of water contained in the system. Repeat initial treatment until one ppm of active residual monochloroamine is established for at least 4 hours. For repetitive fouling: When microbial control is evident, add 1.3 lbs of this product per 10,000 gallons of water contained in the system. Repeat as needed to maintain one ppm of active residual monochloroamine for at least 4 hours.

ONCE-THROUGH COOLING WATER SYSTEMS
Use for control of algae, bacterial and fungal slime, by adding to the system inlet, or before any other contaminated area in the system, in once-through and closed-cycle fresh and seawater systems, cooling towers, condensers, and low-intensity systems. Add 0.08 lbs of this product per 10,000 gallons of water contained in the system. Repeat as needed to maintain one ppm of active residual monochloroamine for at least 4 hours.

AIR CONDITIONER CONDENSATE
Place 0.85 ounces [24 grams] in condensate line dispenser. Check once every six months or as required. The presence of scales, slime and debris will vary depending on atmospheric conditions and indoor air temperature requirements.

PULP AND PAPER MILL WATER SYSTEMS
This product is intended for use as a slimeicide for the process water used in the manufacture of paper and paperboard products that do not contain food. Treat water at critical areas in the system process where mixing of the product with influent will be uniform. The frequency and duration of the treatment will depend upon the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

TREATMENT BY SYSTEM VOLUME
When a system is noticeably fouled, add 0.096 to 0.98 pounds (or 12 to 120 lbs) of this product to 1,000 gallons of water in the system. When biological control is evident: add 0.098 to 0.74 pounds (or 12 to 50 lbs) of this product to 1,000 gallons of water in the system.

TREATMENT BY RESIDUAL METHOD
Add sufficient product to maintain a measured residual up to 5 ppm as bromine. Once biological control is evident, the use of this product normally can be reduced to something less than 1 ppm as bromine.

An alternative method of calculating the appropriate level of this product is to estimate the paper mill's annual production, then add, on a 24-hour period, up to 688 grams (1.27 pounds) of this product per dry ton of paper produced over a 24-hour period.

Text for bromine to verify the level of 5 ppm is not being exceeded.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal. PESTICIDE STORAGE: Store in a dark, cool, dry, well-ventilated area. In well-closed original containers away from food, feed, and clothing sources, combustible organic materials, oxidizers, strong bases and moisture. [For Water soluble bag]

Do not allow water soluble bags to become wet during storage. Do not handle water soluble bags with wet hands or wet gloves. Do not remove from container except for immediate use. Do not remove product from water soluble bag.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, discarded without neutralizing, or rinsates is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: (For plastic non-refillable container less than or equal to 50 lbs)
Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Take container to a collection point. [For Water soluble bag]

Non-refillable container. Do not reuse or refill this container. When all water soluble bags are used, the outer container should be clean and may be disposed of in a sanitary landfill or by incineration. If outer container contacts formulated product in any way, it must be triple rinsed with clean water. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and close tightly. Shake for 10 seconds. Pour rinsates into application equipment or a mix tank or store rinsates for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration.

SPLILLS
When handling or dealing with spills, use impervious-resistant gloves with side-shields, or face shield, body-covering clothes, including impervious-chemical-resistant gloves and boots; use a dust respirator if dusting occurs. Sweep up dry spills and dispose of as desired. Do not use container contents contaminated or decontaminated by spills. Do not reseal container;olate unsealed drum in the open or in a well-ventilated area, flood with large volumes of water if necessary. When using any water soluble bags, do not use ammonium phosphate extinguisher near water and this product. Hazardous reactions may occur.

WARRANTY
Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label in accordance with laws, rules, and regulations under normal conditions of use, but to the extent consistent with applicable law neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR LIMITS LIABILITY for any indirect, special, incidental, or consequential loss or damage caused by this product, including, but not limited to, loss of profits, revenue, or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.

MANUFACTURED FOR:
WATER SCIENCE TECHNOLOGIES LLC
5520 PARKWOOD CIRCLE
BESSEMER, AL 35022
EPA Reg. No. 88714-5
EPA Est. No. 524-015-2
GALs. (LBS.)
BATCH/LOT NO. 20130503
Transportation Emergency (Spill) Tel: 800-255-3924 ChemTel